

### Anti-HAX1 antibody ab137613

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#### 概述

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产品名称	Anti-HAX1抗体
描述	兔多克隆抗体to HAX1
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF
种属反应性	与反应: Rat, Human
免疫原	Recombinant fragment corresponding to Human HAX1 aa 1-279. Database link: <a href="#">O00165</a>
阳性对照	WB: MOLT-4, Raji whole cell lysate. HEK-293T, A431, HeLa, HepG2 whole cell extracts. IHC-P: NCIN87 Xenograft. Rat ovary. ICC/IF: A431.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 性能

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形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 89.99% PBS, 10% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

#### 应用

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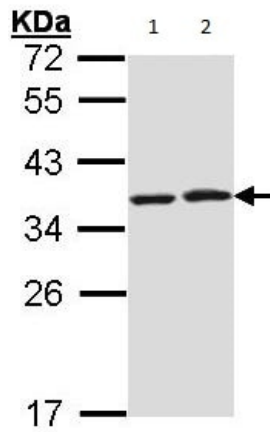
“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/3000. Predicted molecular weight: 32 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/100 - 1/1000.

## 靶标

<b>功能</b>	Promotes cell survival. Potentiates GNA13-mediated cell migration. Involved in the clathrin-mediated endocytosis pathway. May be involved in internalization of ABC transporters such as ABCB11. May inhibit CASP9 and CASP3. May regulate intracellular calcium pools.
<b>组织特异性</b>	Ubiquitous. Up-regulated in oral cancers.
<b>疾病相关</b>	Defects in HAX1 are the cause of neutropenia severe congenital autosomal recessive type 3 (SCN3) [MIM:610738]; also known as Kostmann disease. A disorder of hematopoiesis characterized by maturation arrest of granulopoiesis at the level of promyelocytes with peripheral blood absolute neutrophil counts below $0.5 \times 10^9/l$ and early onset of severe bacterial infections. Some patients affected by severe congenital neutropenia type 3 have neurological manifestations such as psychomotor retardation and seizures. Note=The clinical phenotype due to HAX1 deficiency appears to depend on the localization of the mutations and their influence on the transcript variants. Mutations affecting exclusively isoform 1 are associated with isolated congenital neutropenia, whereas mutations affecting both isoform 1 and isoform 5 are associated with additional neurologic symptoms.
<b>序列相似性</b>	Belongs to the HAX1 family.
<b>翻译后修饰</b>	Proteolytically cleaved by caspase-3 during apoptosis.
<b>细胞定位</b>	Mitochondrion. Endoplasmic reticulum. Nucleus membrane. Cytoplasmic vesicle. Sarcoplasmic reticulum.

## 图片



Western blot - Anti-HAX1 antibody (ab137613)

**All lanes :** Anti-HAX1 antibody (ab137613) at 1/1000 dilution

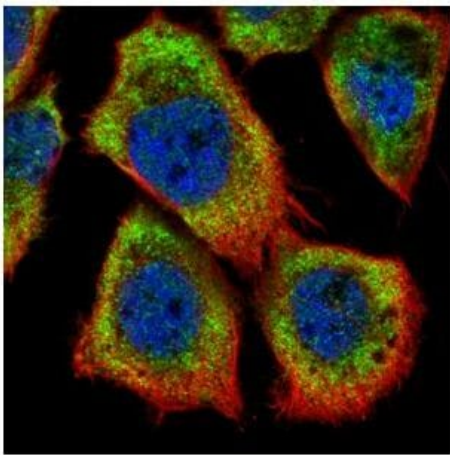
**Lane 1 :** MOLT-4 whole cell lysate

**Lane 2 :** Raji whole cell lysate

Lysates/proteins at 30 µg per lane.

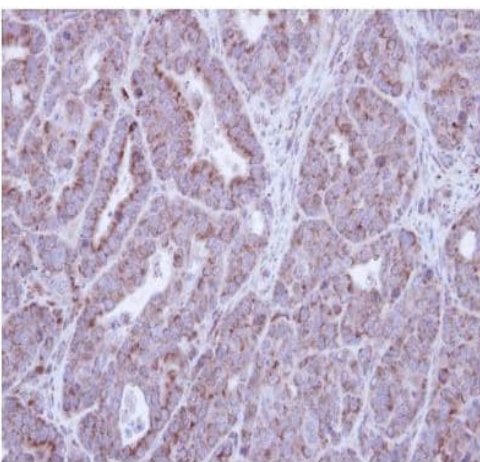
**Predicted band size:** 32 kDa

12% SDS PAGE



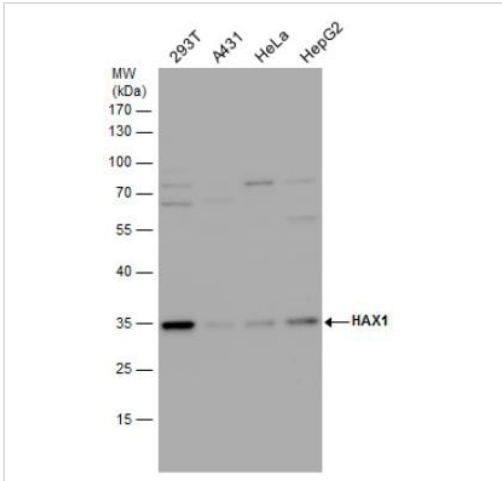
Immunocytochemistry/ Immunofluorescence - Anti-HAX1 antibody (ab137613)

ab137613 at a 1/500 dilution, staining HAX1 in methanol-fixed A431 cells by Immunofluorescence (green).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HAX1 antibody (ab137613)

ab137613, at a 1/100 dilution, staining HAX1 in paraffin embedded NCIN87 xenograft tissue by Immunohistochemistry.



Western blot - Anti-HAX1 antibody (ab137613)

**All lanes** : Anti-HAX1 antibody (ab137613) at 1/1000 dilution

**Lane 1** : HEK-293T whole cell extracts

**Lane 2** : A431 whole cell extracts

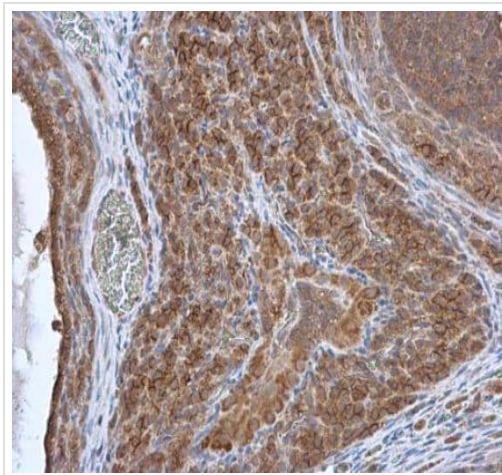
**Lane 3** : HeLa whole cell extracts

**Lane 4** : HepG2 whole cell extracts

Lysates/proteins at 30 µg per lane.

**Predicted band size:** 32 kDa

12% SDS-PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HAX1 antibody (ab137613)

Paraffin embedded rat ovary tissue stained for HAX1 using ab137613 at 1/500 dilution in immunohistochemical analysis.

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